

Please amend the abstract on page 44 as follows:

ABSTRACT

A fault searching system ~~for an optical line~~ searches for a fault in an optical line connected with an optical fiber carrying out data transmission between ~~from~~ a transmission apparatus ~~at a center station side via an optical divider (PON) up to and~~ a user optical terminal. ~~An OTDR carries out a test for the optical fiber based on backward scattering light or return light from the optical fiber by making test light be incident into the optical fiber.~~ A connecting unit detaches a terminal portion of the optical line at ~~an inside of the user optical terminal from the inside of the user optical terminal,~~ and connects ~~the~~ an OTDR to the terminal portion of the optical line. ~~An incident unit makes~~ ~~at~~ At least one of a test light with a wavelength different from a wavelength of light used for data transmission in the optical line, and a test light whose peak level is less than or equal to a predetermined level, is caused to be incident upon the terminal portion of the optical line ~~from the OTDR~~. A searching unit searches for a fault in the optical line from the user optical terminal side by detecting backward scattering light or return light from the optical line ~~which is obtained based on the incidence of~~ produced by the test light caused by the OTDR.